

Extruded Window and Door Multi-composite Frames & Method

ABSTRACT

Novel window and patio door frame members are formed by an extrusion process that provide these members with at least one channel and with an outer weather resistant surface and an internal imitation wood surface together with integrated sealing strips formed in the channels for the doors, these components being fully integrated. The process is carried out by extruding a foamed profile with a channel through a first die therein having reduced dimensions where a protective shell is desired, co-extruding a plastic with said foamed profile in a second die to form a protective shell where the reduced dimensions occur, passing the co-extrusion through a calibration die, and then heating the co-extrusion at selected location where weather stripping is desired and then passing the co-extrusion through a final die where plastic weather stripping is extruded therewith and then cooling the integrated member.